

Appl. No. 10/648,307
Amdt. Dated 10/20/2005
Reply to Office Action of 09/21/2005

Amendments to the Claims:

The listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

Claim 1. (Previously Presented) A porous metal structure body which is enveloped in a cast light metal alloy member, formed by molding a mixed powder containing a metallic powder into a prescribed shape followed by sintering, which comprises the prescribed shape having a single cavity or dispersed plural cavities in an inner portion with a maximum thickness of 6 mm or less at a surface portion side thereof, and a portion other than the cavities having a porosity of 20 to 50% by volume.

Claim 2. (Original) The porous metal structure body according to Claim 1, wherein the metallic powder sintered body having a porosity of more than 50% by volume is formed in the cavity by being monolithically integrated with the porous metal structure body.

Claim 3. (Previously Presented) A light metal alloy member comprising a porous metal structure body enveloped in the light metal alloy by casting, said porous metal structure body being formed by molding a mixed powder containing a metallic powder into a prescribed shape followed by sintering, which comprises the

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prescribed shape having a single cavity or dispersed plural cavities in an inner portion with a maximum thickness of 6 mm or less at a surface portion side thereof, and a portion other than the cavities having a porosity of 20 to 50% by volume.

Claims 4-9. (Canceled)